

Data File : VF062459.D
Acq On : 11 May 2019 14:48
Operator : FY/SY
Sample : K2754-07RE
Misc : 5.05g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
C-2RE

Quant Time: May 12 03:46:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	3748	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	2013	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	102	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.48	152	59	50.00	ug/l	-0.14

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.10	65	169	4.77	ug/l	0.08
Spiked Amount	50.000		Recovery	=	9.54%	
35) Dibromofluoromethane	4.32	113	746	46.52	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	7.73	98	1782	45.90	ug/l	0.03
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.56	95	62	3.54	ug/l	0.07
Spiked Amount	50.000		Recovery	=	7.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.86	85	143	3.297	ug/l #	41
3) Chloromethane	1.16	50	79	2.761	ug/l #	8
4) Vinyl Chloride	1.03	62	67	2.348	ug/l #	1
6) Chloroethane	1.45	64	118	8.225	ug/l #	41
7) Trichlorofluoromethane	1.58	101	66	1.115	ug/l #	20
8) Diethyl Ether	1.56	74	90	10.046	ug/l	60
9) 1,1,2-Trichlorotrifluoroet	1.91	101	73	2.160	ug/l #	18
10) Methyl Iodide	1.95	142	81	1.454	ug/l #	29
11) Tert butyl alcohol	2.69	59	233	116.392	ug/l #	70
12) 1,1-Dichloroethene	1.89	96	62	2.158	ug/l #	1
13) Acrolein	2.14	56	75	43.142	ug/l #	13
14) Allyl chloride	2.18	41	138	5.437	ug/l #	5
15) Acrylonitrile	3.05	53	62	16.350	ug/l #	24
16) Acetone	2.33	43	577	80.528	ug/l #	62
18) Methyl Acetate	2.46	43	306	21.641	ug/l	97
19) Methyl tert-butyl Ether	2.54	73	529	8.918	ug/l #	61
20) Methylene Chloride	2.37	84	73	2.816	ug/l #	1
21) trans-1,2-Dichloroethene	2.45	96	150	5.479	ug/l #	1
22) Diisopropyl ether	2.97	45	82	1.034	ug/l #	39
23) Vinyl Acetate	3.31	43	739	20.900	ug/l #	79
24) 1,1-Dichloroethane	3.05	63	63	1.314	ug/l #	86
25) 2-Butanone	4.55	43	305	33.882	ug/l #	60
26) 2,2-Dichloropropane	3.85	77	308	11.503	ug/l	83
27) cis-1,2-Dichloroethene	3.69	96	66	1.929	ug/l #	50
28) Bromochloromethane	3.90	49	64	2.943	ug/l #	1
29) Tetrahydrofuran	4.30	42	75	18.128	ug/l #	26
30) Chloroform	4.04	83	66	1.019	ug/l #	19
31) Cyclohexane	3.88	56	79	2.064	ug/l #	16
32) 1,1,1-Trichloroethane	4.34	97	72	1.297	ug/l #	41
36) 1,1-Dichloropropene	4.42	75	171	9.889	ug/l #	42
37) Ethyl Acetate	4.31	43	292	42.582	ug/l #	73
39) Methylcyclohexane	5.66	83	157	9.053	ug/l #	29
40) Benzene	4.84	78	148	3.887	ug/l #	48
41) Methacrylonitrile	4.94	41	111	26.770	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.16	62	79	4.960	ug/l #	1
43) Isopropyl Acetate	7.11	43	62	7.883	ug/l #	1
44) Trichloroethene	5.77	130	63	4.504	ug/l	2
46) Dibromomethane	6.39	93	80	11.187	ug/l #	32
47) Bromodichloromethane	6.58	83	80	4.474	ug/l #	27
48) Methyl methacrylate	6.89	41	125	22.488	ug/l #	50
49) 1,4-Dioxane	7.06	88	92	1617.380	ug/l #	49
51) 4-Methyl-2-Pentanone	8.27	43	218	36.577	ug/l	88
52) Toluene	7.64	92	72	3.065	ug/l #	1
53) t-1,3-Dichloropropene	8.46	75	282	20.854	ug/l #	45
54) cis-1,3-Dichloropropene	7.48	75	174	11.056	ug/l #	61
55) 1,1,2-Trichloroethane	8.64	97	95	12.739	ug/l #	14
56) Ethyl methacrylate	8.79	69	84	10.671	ug/l #	1
57) 1,3-Dichloropropane	9.05	76	96	8.522	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.49	63	137	57.888	ug/l #	74
59) 2-Hexanone	9.40	43	182	44.154	ug/l	79
60) Dibromochloromethane	8.94	129	59	4.837	ug/l #	11
61) 1,2-Dibromoethane	9.14	107	66	7.530	ug/l #	3
64) Tetrachloroethene	8.07	164	83	100.233	ug/l #	1
65) Chlorobenzene	9.81	112	76	45.033	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.15	131	79	92.792	ug/l #	7
67) Ethyl Benzene	10.16	91	71	24.025	ug/l #	45
68) m/p-Xylenes	10.29	106	67	61.447	ug/l #	1
69) o-Xylene	11.02	106	65	55.168	ug/l #	1
70) Styrene	10.93	104	63	35.677	ug/l #	3
71) Bromoform	10.91	173	79	169.373	ug/l #	29
73) Isopropylbenzene	11.21	105	74	21.157	ug/l #	50
74) N-amyI acetate	11.48	43	212	282.321	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	11.86	83	63	115.035	ug/l #	22
76) 1,2,3-Trichloropropane	11.85	75	71	169.926	ug/l #	100
77) Bromobenzene	11.32	156	62	67.540	ug/l #	1
78) n-propylbenzene	11.62	91	63	16.918	ug/l #	52
79) 2-Chlorotoluene	11.89	91	153	66.074	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.02	105	99	32.292	ug/l #	30
81) trans-1,4-Dichloro-2-buten	11.93	75	161	1025.104	ug/l #	5
82) 4-Chlorotoluene	12.00	91	76	33.231	ug/l #	39
83) tert-Butylbenzene	12.15	119	60	18.622	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.18	105	127	42.331	ug/l #	31
85) sec-Butylbenzene	12.42	105	67	17.084	ug/l #	1
86) p-Isopropyltoluene	12.52	119	62	17.016	ug/l #	50
87) 1,3-Dichlorobenzene	12.73	146	63	37.578	ug/l #	52
88) 1,4-Dichlorobenzene	12.73	146	63	38.934	ug/l #	51
89) n-Butylbenzene	12.95	91	66	20.360	ug/l #	29
90) Hexachloroethane	13.03	117	77	84.638	ug/l #	3
91) 1,2-Dichlorobenzene	12.73	146	63	38.823	ug/l #	52
92) 1,2-Dibromo-3-Chloropropan	13.70	75	67	546.079	ug/l #	1
95) Naphthalene	14.43	128	64	29.247	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.63	180	73	51.769	ug/l #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Quantitation Report (Not Reviewed)

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(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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